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Dated: 4/20/09

Signature: *[Signature]*

(Ginny Blundell)

Docket No.: WIBL-P01-013
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mootha et al.

Application No.: 10/560,501

Confirmation No.: 3194

Filed: June 15, 2006

Art Unit: 1632

For: METHODS OF REGULATING METABOLISM
AND MITOCHONDRIAL FUNCTION

Examiner: Hama, J.

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT UNDER 35 U.S.C. 111

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam:

This reply and amendment is being filed in response to a Notice of Non-Compliant Amendment mailed March 18, 2009, in connection with the above-referenced application. Please enter the following amendments:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.